

Technical data sheet

Actuator sensor interface · RJ45 panel connector with hinged lid

RJ45 panel connector for front installation PG21, shielded

Female / Female / 90° / 1:1

Cat 6A



Identification

Type	RJ45 F/F 90° Cat.6A PC
Part No.	493079

Product version

Datasheet version	00
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Use/Application/Properties

Application	• Service interface for control cabinets and control panels
Properties	• Very compact and durable design • Transparent hinged lid, locks in place when opened • High protection class IP69 • Angle connector 90° • Low installation depth approx. 30 mm • Can be sealed with a lead seal • Can be labeled with a description plate

General

Design	RJ45
Form male 1	RJ45 Female
Form male 2	RJ45 Female
Degree of pollution	3
Insulation resistance	>500 MΩ
Contact resistance	<30 mΩ
Degree of protection	IP65/67/68/69 in closed and IP20 in inserted position
Housing material	PC, Zinc die-casting
Contact material	CuSn, gold-plated

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0
www.lutze.com · sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) · Bruckwiesenstraße 17-19 · D-71384 Weinstadt
Tel. +49 (0)7151 6053-0
www.luetze.de · info@luetze.de

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Mounting	Front installation
Installation depth	approx. 30 mm
Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +80 °C
Dimensions (w × h × d)	31.0 mm × 42.5 mm × 44.5 mm
Mechanical service life	≥750 insertion cycles
Weight/unit	0.042 kg
PU (units)	1

Technical data

Rated voltage U_N	AC/DC 24 V
Max. Power PoE	PoE+ IEEE 802.3at 30W
Operating voltage max.	50 V
Rated current	Max. 1 A
Pole number	8
Bandwidth	500 MHz
Transfer rate	10 Gbit/s
Category	Cat.6A, Class EA
Contact type	1 : 1

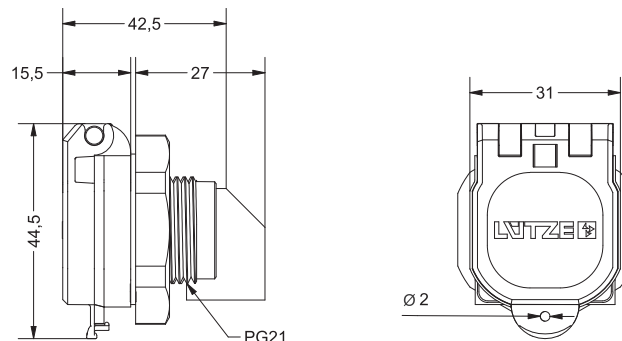
Equipment/Spare parts

Accessories

Not included in the delivery:

Labelling sign 5×5 mm, white: Part.-No. 716431 | LOCC-Box-BZW 7-6431 |
PU: 1 unit (200 tabs)

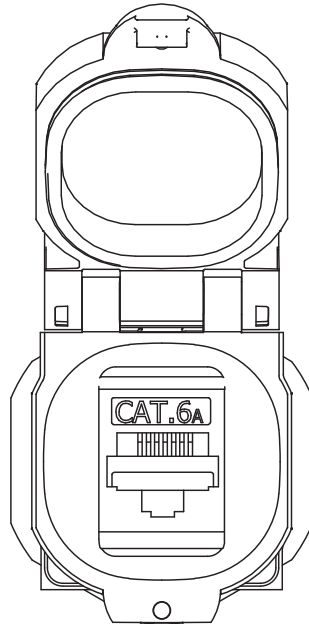
Dimensions



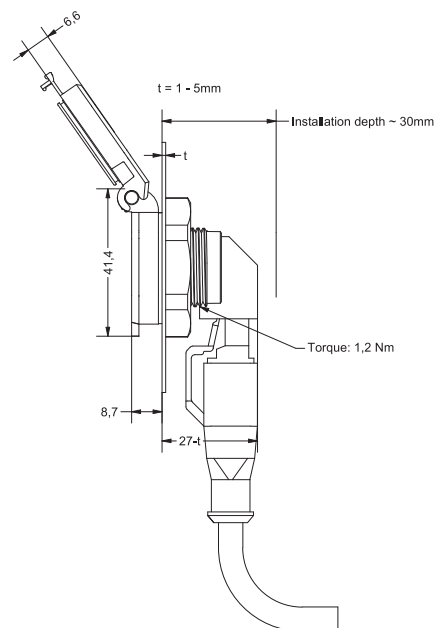
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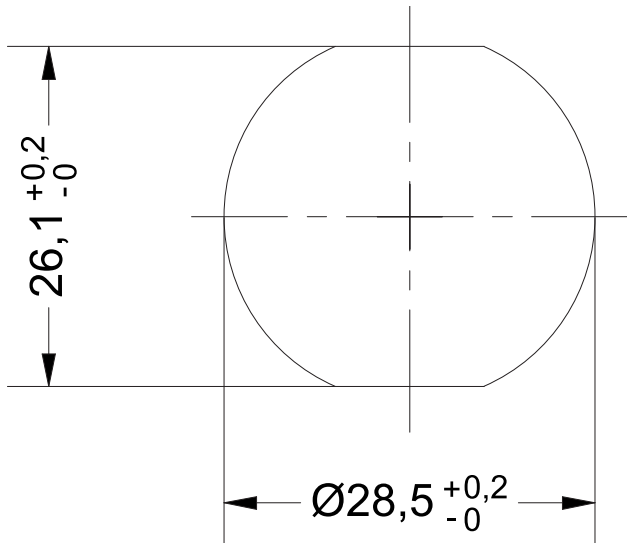
Front view



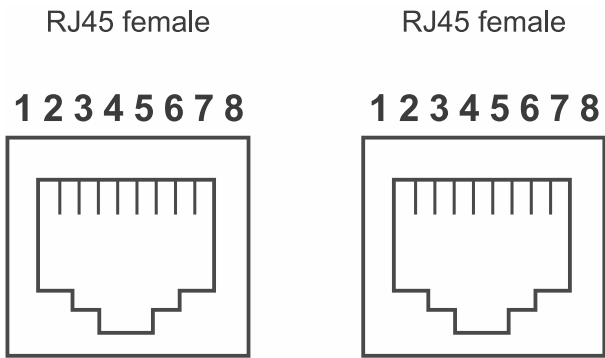
Mounting diagram



Mounting holes



Pin layout



Circuit diagram

